

PRECAUTIONS FOR PROPER USE OF AIR CONDITIONER

Please observe the following instructions.

1. Operate the Selector Switch to run or stop the unit.
 - Do not use Main Power Switch or Auxiliary Power Switch to operate unit.
2. Do not stick anything into the air outlet or inlet.
 - It is dangerous and it can cause injury or damage.
3. Avoid exposing your body directly to a continuous cool air - flow for long periods.
 - It is not good for your health.
4. Do not pour water on the unit to clean it.
 - It is dangerous and it can cause injury or damage.
 - Never use solvents or harsh chemicals when cleaning the unit.
 - When the air inlet grill and cabinet are dirty, wipe with luke - warm water (below 104°F or 40°C)
5. Avoid placing any obstacles near the inlet or outlet.
 - If the inlet or outlet is blocked with any obstacle, it may cause damage to the unit.
6. Do not run or stop the unit frequently.
 - If you run or stop the unit more then 4-5 times an hour, it can cause damage to the unit.
7. Wait at least 3 minutes before restarting the unit or in the case of power failure.
 - If you turn on the unit within 3 minutes after power off, this can cause damage to the unit.
8. If the air conditioner is operated without an air filter, dust is not removed from the air, and resultant accumulation in the unit may lead to a failure.
 - Do not forget to install the air filter.
9. The air filter should be cleaned at least once every two weeks.
10. When the unit is cleaned, set the Selector Switch at off position.
 - And then unplug the power plug.
11. Never store gasoline or other flammable liquid near the air conditioner.
 - It is very dangerous.
12. Do not force the controls on the front panel too much.
 - It can cause damage the controls and the unit.
13. Set a comfortable temperature.
 - Very low temperature setting considerably increase power consumption.
14. Be careful to keep room temperature comfortable.
 - Avoid continuous direct air flow on you or a sick person while sleeping.
15. Do not remove the plug by pulling the power cord.
 - Damage to the cord and may cause shock hazard

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GENERAL SPECIFICATIONS

ITEM	MODEL	DWC-054R / DWC-063R
POWER SOURCE		AC 115V, 60Hz, SINGLE PHASE
DIMENSIONS		17.3(W) x 12.3(H) x 15.2(D) inch
		440(W) x 313(H) x 385(D) mm
WEIGHT (NET)		45.4 lbs (20.6 Kg)-Approx.

INSTALLATION INSTRUCTIONS

• WINDOW REQUIREMENTS

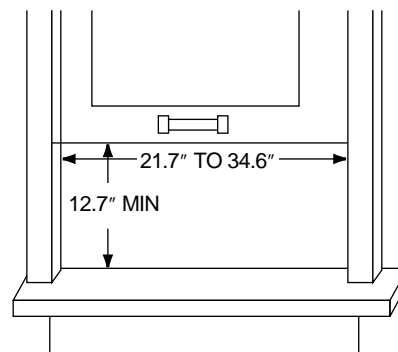
These instructions are provided for a standard double hung window or mobile home double hung window installation in windows 21.7in (550mm) to 34.6in (880mm). The upper and lower sash must open sufficiently to allow a clear vertical opening of 12.7in (323mm) from the bottom of the sash to the window stool.

Select a centrally located window on the side of the room that receives the least direct sunlight. There should be no obstruction to air flow either inside (i.e. curtains) or outside (i.e. fence, wall or bushes).

Read this entire installation manual thoroughly before beginning the installation.

Make sure you have the necessary tools and other materials for the job. Study the illustrations in these instructions to become familiar with important details of the installation process.

Read the Use & Care manual to become familiar with the operation of your room air conditioner.



⚠ IMPORTANT :

It is important, both for your personal safety and to avoid possible damage to your home, that you observe the safety instructions that are given following.

After installing the unit, re-read these instructions to make sure you have completed each step and all parts are fastened in place for a secure installation.

For best results, perform the installation procedure in the order given. Doing so will minimize the time required to install the unit.

• BASIC TOOLS NEEDED

- | | | |
|------------------------|------------------------|----------------|
| • Standard screwdriver | • Phillips screwdriver | • Sharp knife |
| • Carpenter's level | • 1/4" hex driver | • Tape measure |
| • Electric drill | • 1/8" drill bit | |

• SAFETY INSTRUCTIONS

The receptacle should be an individual branch circuit used only for this air conditioner. Be sure the electrical service is adequate for the model air conditioner you have chosen. The complete electrical rating of your air conditioner is stated on the name plate located at the unit's side. Be sure the plug receptacle is close enough for the power cord to reach it.

WARNING :

An extension cord must not be used with your air conditioner!

To minimize shock and fire hazards, proper grounding is important. For your safety and protection, this air conditioner is equipped with a special three-prong grounding plug on the service cord.

WARNING :

Do not, under any circumstances, cut or remove the grounding prong on the plug. To do so will create a shock hazard.

Your air conditioner must be plugged into a properly grounded and polarized three prong receptacle. Do not use an adapter plug. If the wall receptacle you intend to use will not accept a three-prong plug, or if you are not sure the outlet is adequately grounded or protected by a fuse or circuit breaker, have a qualified electrician install the proper outlet according to the National Electric Code and applicable local code.

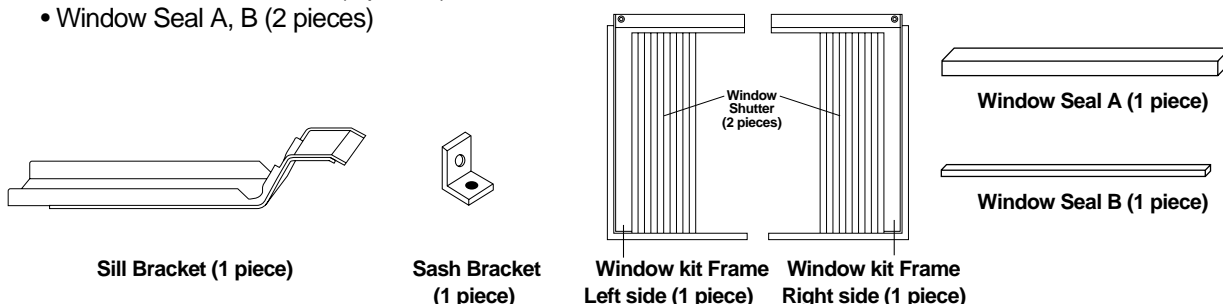
• Step 1 - Prepare Components For Installation

1. Open the components box for installation
2. Check components for installation as follows.

- Sill Bracket (1 piece)
- Window Shutter (2 pieces)
- Sash Bracket (1 piece)
- Window Kit Frame - Left side (1 piece)
- Window Kit Frame - Right side (1 piece)
- Leveling Screw - M8 x 45 (1 piece)
- 1 1/4 inch Screw - M5 x 30 (2 pieces)
- 5/8 inch Screw - M4 x 16 (5 pieces)
- 5/16 inch Screw - M4 x 8 (6 pieces)
- Window Seal A, B (2 pieces)

• SCREW TYPE

	Τύπος Α	Τύπος Β	Τύπος Χ	Τύπος Δ
ΣΗΜΕΙΟ				
ΣΠΕΧ	M8 x 45	M5 x 30	M4 x 16	M4 x 8
ΘΕΤΨ	1	2	5	6

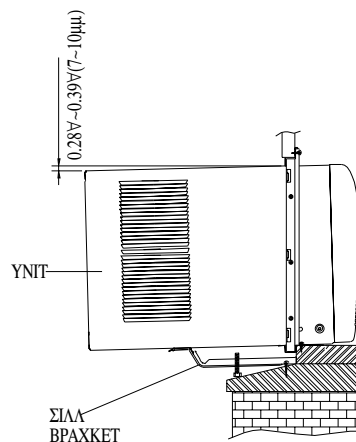
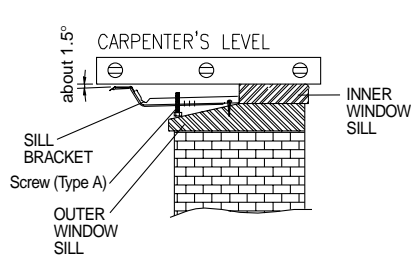
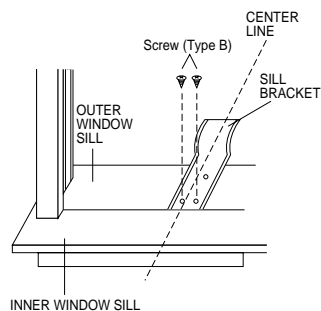


• Step 2 - Prepare Window For Installation

⚠ WARNING :

1. To reduce the risk of electric shock, personal injury or death, turn the fan control to the OFF position and unplug the unit from the wall outlet before installing or removing this unit.
2. The window where the air conditioner is to be installed should have enough strength to bear the weight of the air conditioner.

1. Inspect window track, sash and sill to be sure they are strong enough to hold an air conditioner.
2. Measure width between window frame to be sure instant mount will fit in the window. Instant mount models are designed for windows 21.7in (550mm) to 34.6in (880mm) wide.
3. Mark the center of window sill with a pencil.
4. Insert Screw (Type A) into the sill bracket.
5. Attach Sill bracket to window sill using Screws (Type B).
(The outside edge of window bracket should be center line)
6. Place the carpenter's level on the sill and the outdoor end of Sill Bracket.
Adjust Screw (Type A) so that Sill Bracket have a slight tilt by using carpenter's level meter. (about 1.5°)

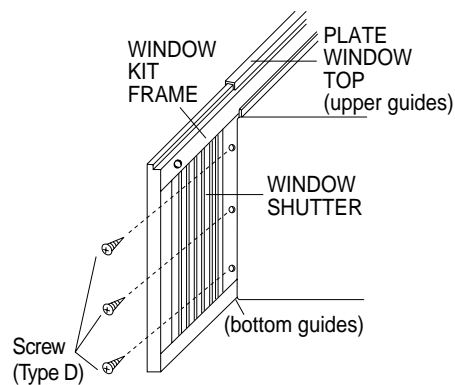


• Step 3 - Placing Unit in Window

⚠ CAUTION

1. The unit is heavy. To avoid injury or accident, it is strongly recommended that you have additional help when lifting the unit.
2. Personal injury or property damage may result if unit falls from window.

1. Insert Window Kit Frame into the upper and bottom guides of the unit.
2. Fasten window shutter in the window kit frame with Screws (Type D) in the left side and right side of the unit.
3. Open the window and place the unit in the center of the window sill.



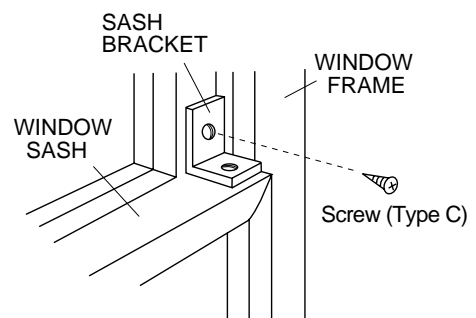
• Step 4 - Install Sash Bracket

⚠ CAUTION

Do not drill into window frame until window has been inspected to make sure drilling or screw will not damage any locking or lifting mechanism located the frame.

Fasten Sash Bracket with Screw (Type C) to top of indoor window sash or directly into side of window sash or directly into side of window frame.

This will prevent the raising of the window from the outside. If you have a hard wood or metal window frame, a 1/8 inch pilot hole may be needed in order to drive the screw.

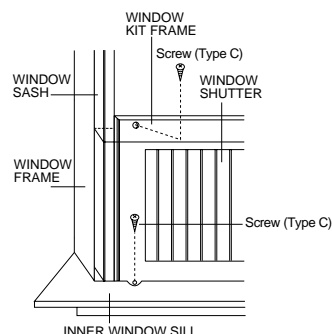


• Step 5 - Secure Window Shutter

⚠ CAUTION

Do not drill into window sash until window has been inspected to make sure drilling or screw will not damage any locking or lifting mechanism located in the frame.

To provide a proper seal, pull each expandable side Window Shutter out and up until it is tight against the window frame. Using the hole in the top and bottom of each Window Kit Frame as a guide, secure Window Kit Frame in window sash and on the window sill.



• Step 6 - Recheck Installation

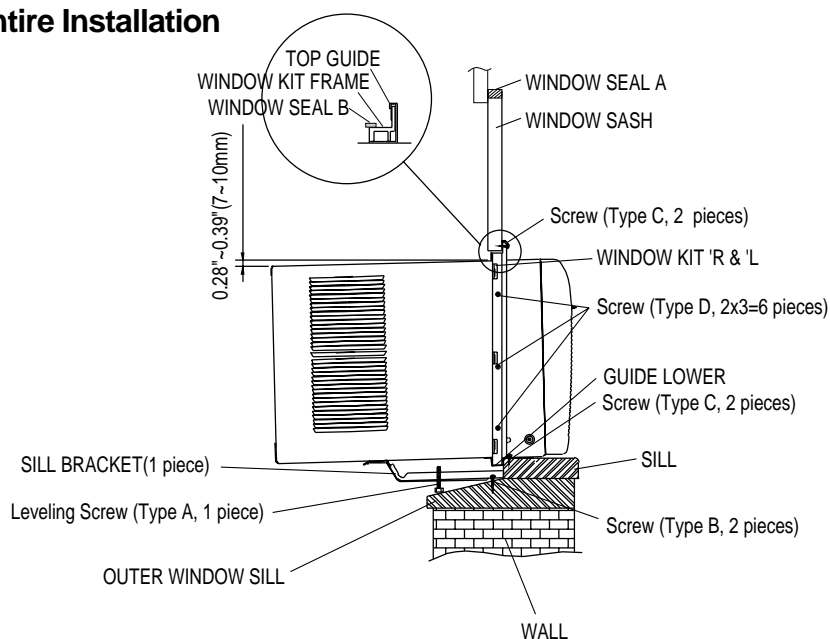
To be sure you have correctly installed your Room Air Conditioner, review the steps and make sure all of the parts are securely fastened in the window as the instructions show. A tight seal is essential.

Read through the Use & Care manual to become familiar with the operation of your room air conditioner.

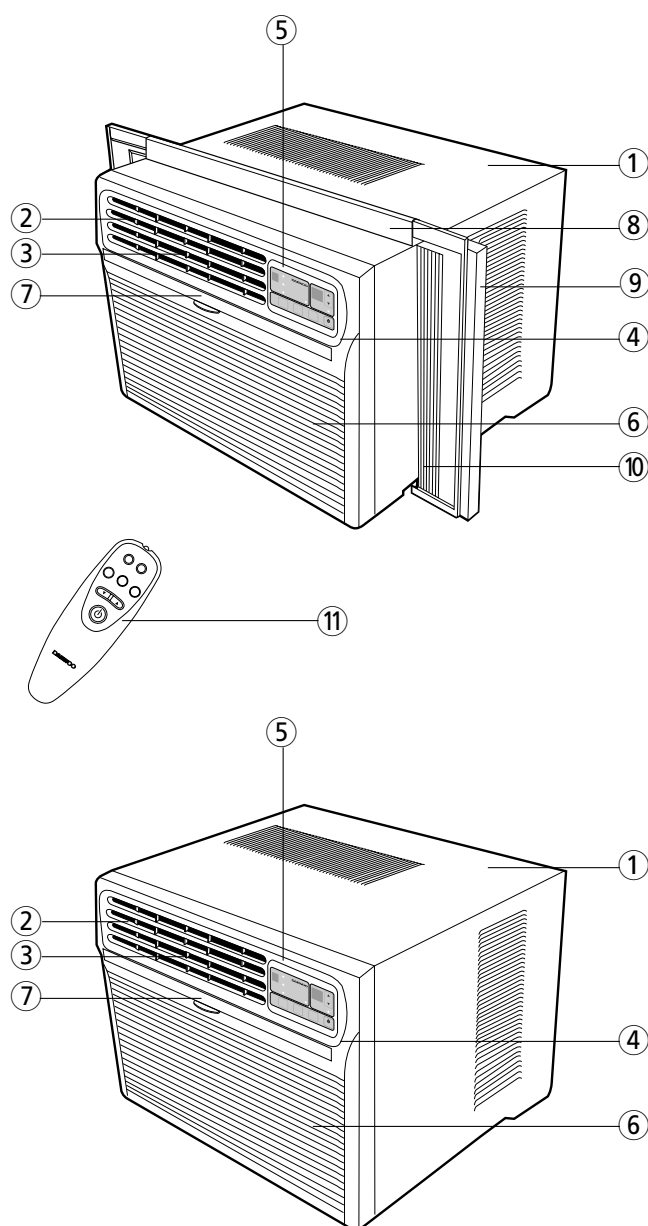
⚠ CAUTION

Do not lift window sash without holding the unit. The window sash helps keep the unit in the window. Exercise caution when opening the window. Failure to do so may result in personal injury and/or property damage.

• Step 7 - Recheck the Entire Installation



NAMES OF MAJOR COMPONENTS



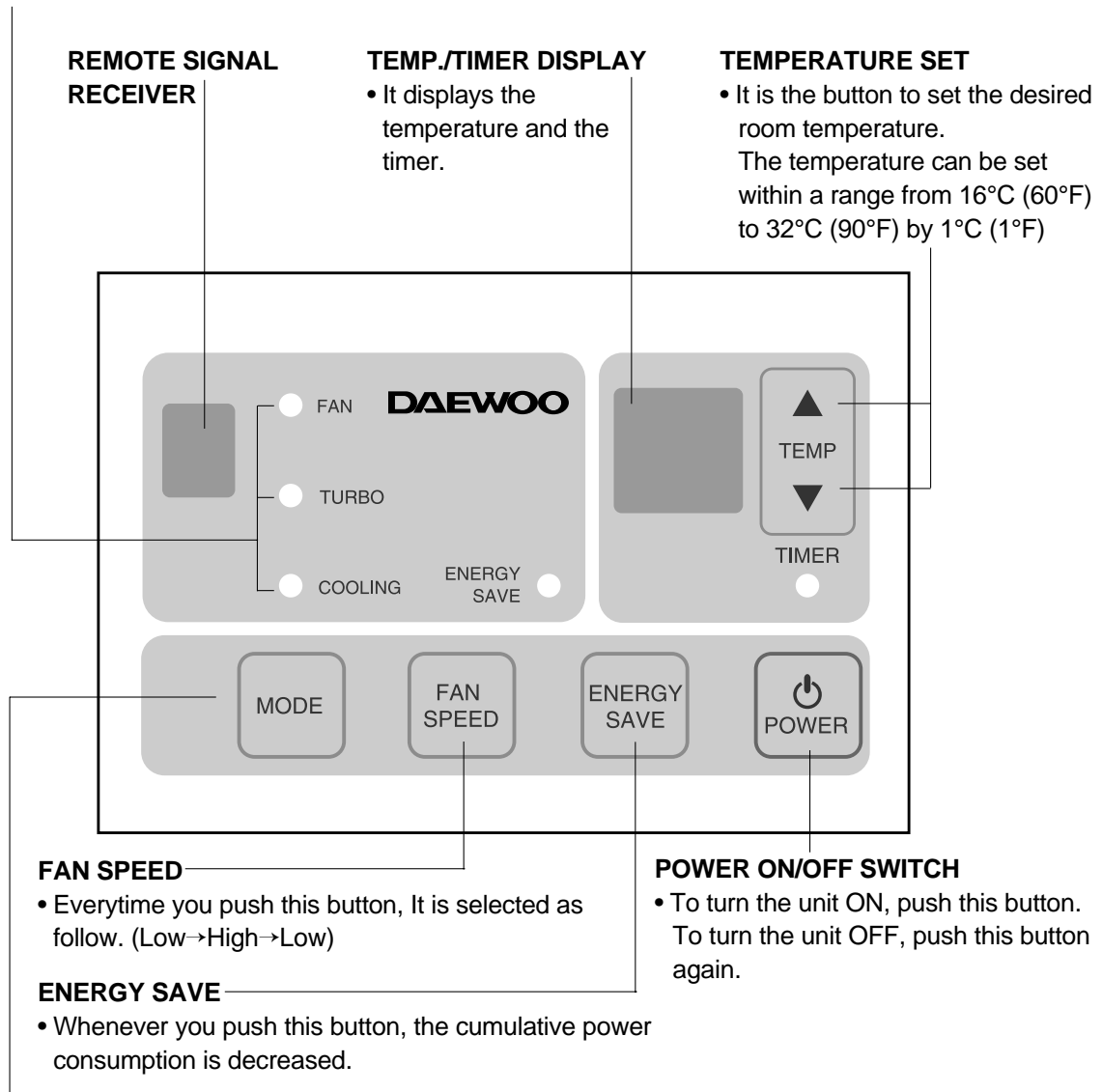
NO	PART NAME	NO	PART NAME
1	CABINET	7	AIR FILTER
2	BLADE VERTICAL	8	FRAME GUIDE TOP
3	COOL AIR DISCHARGE	9	FRAME WINDOW KIT
4	GRILLE FRONT	10	SHUTTER WINDOW
5	PANEL CONTROL	11	REMOTE CONTROLLER
6	AIR INTAKE		

OPERATION INSTRUCTIONS

• DISPLAY

MODE DISPLAY

- It displays the operating mode.



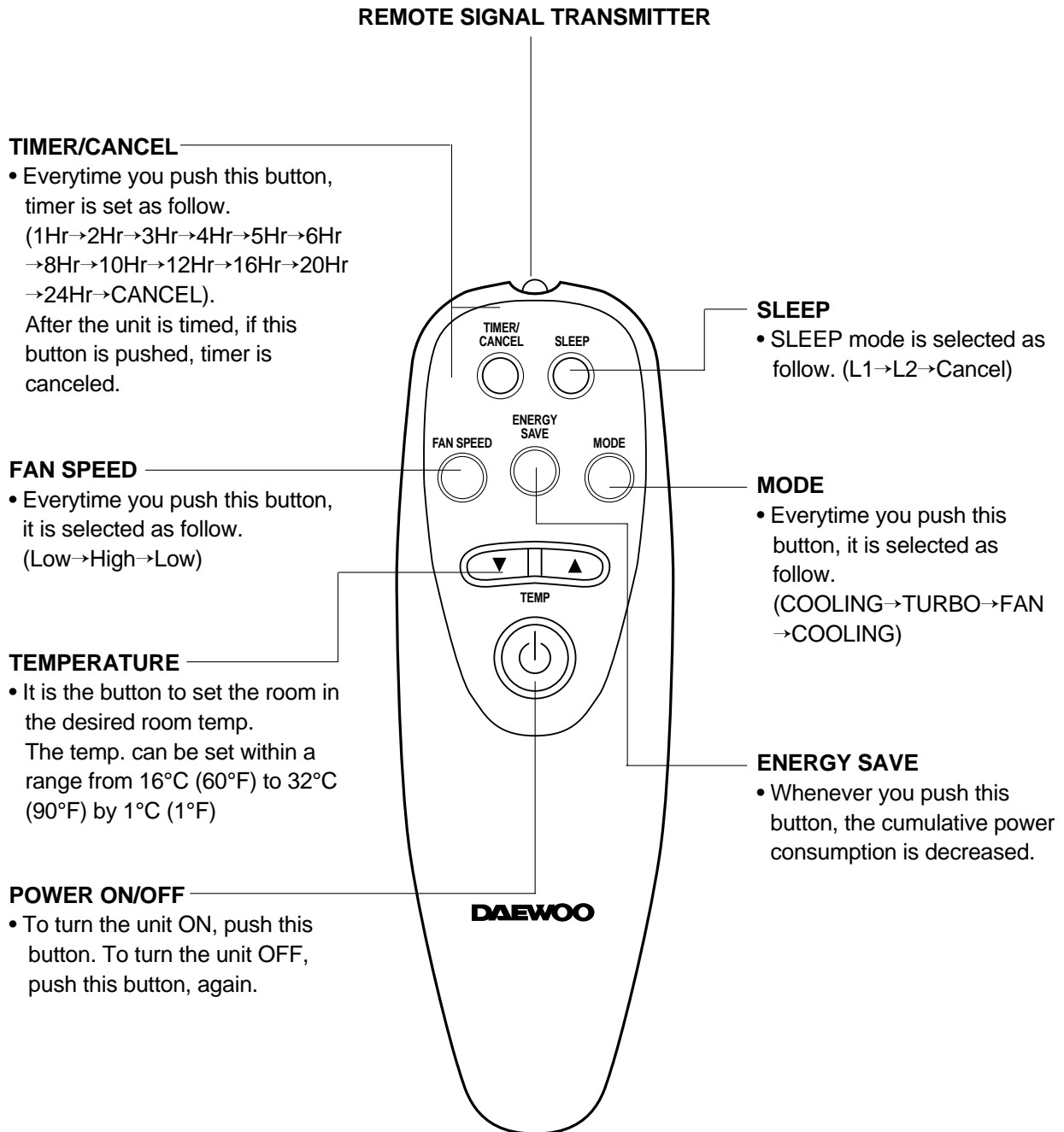
MODE SELECT



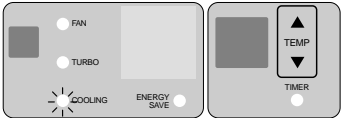


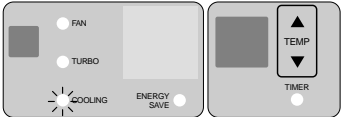
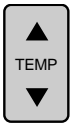
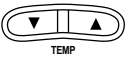
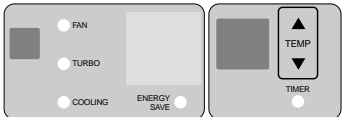



- Everytime you push this button, It is selected as follow. (COOLING→TURBO→FAN→COOLING)

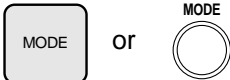
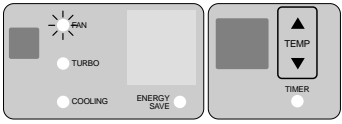
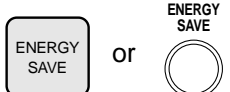
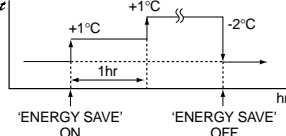
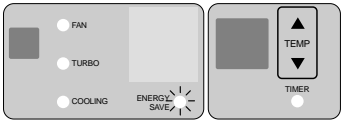
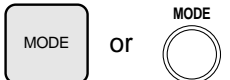
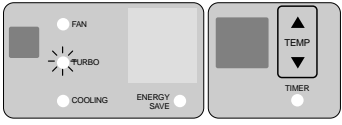

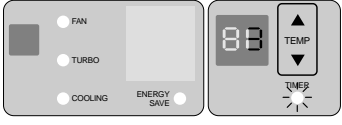
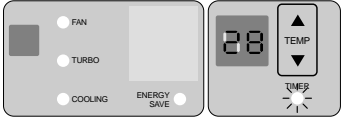
⚠ CAUTION


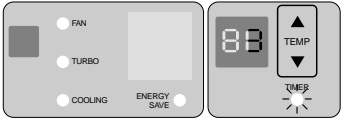

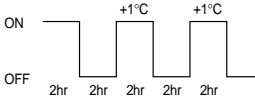

When you turn off the unit with cooling mode, the Fan Still work for about 10 seconds.

• REMOTE CONTROL





FUNCTION	OPERATION	DISPLAY
<p>POWER ON</p>  or  <p>Push POWER button</p>	<ol style="list-style-type: none"> 1. The unit starts working. (It is delayed 3 minutes after main power source is supplied.) 2. Default mode is 'COOLING' mode. 3. Default desired room temperature is '26°C' (79°F). And fan speed is 'Low'. 4. When you turn off the unit with cooling mode, the Fan still work for about 10 seconds. 	<ol style="list-style-type: none"> 1. Current room temperature is displayed. 2. 'COOLING' lamp lights. 
<p>COOLING MODE</p>  or  <p>Push the 'MODE' button until 'COOLING' lamp lights.</p>	<ol style="list-style-type: none"> 1. Operating modes are changed as follows by pushing "MODE" button. (COOLING→TURBO→FAN→COOLING) 2. The compressor and fan work. 3. In this mode you can change fan speed and desired temperature at any time. 4. SLEEP mode and ON/OFF TIMER can be selected. (By remote button only) 	<ol style="list-style-type: none"> 1. Current room temperature is displayed. 2. 'COOLING' lamp lights. 
<p>Change desired room temperature</p>  or  <p>Push the 'TEMP▲▼' button.</p>	<ol style="list-style-type: none"> 1. The desired room temperature is changed within a range from 16°C (60°F) to 32°C (90°F) by 1°C (°F) 	<ol style="list-style-type: none"> 1. It display desired room temperature when 'TEMP' button is pushed. 2. Desired Temperature is shown as blinks.  <ol style="list-style-type: none"> 3. After a few seconds, display is changed to current room temperature.
<p>Change 'FAN SPEED'</p>  or  <p>Push the 'FAN SPEED' button.</p>	<ol style="list-style-type: none"> 1. FAN SPEED is changed as follows by pushing "FAN SPEED" button. (LOW→HIGH→LOW) 	<ol style="list-style-type: none"> 1. It displays as follows.  <ol style="list-style-type: none"> 2. After a few seconds, display is changed to current room temperature.

FUNCTION	OPERATION	DISPLAY
FAN MODE  Push the 'MODE' button until 'FAN' lamp lights.	<ol style="list-style-type: none"> 1. The Fan works only. 2. In this mode, the unit circulate room air. 3. Fan speed can be changed. 	<ol style="list-style-type: none"> 1. Current room temperature is displayed. 2. 'FAN' lamp lights. 
ON/OFF ENERGY SAVE  Push the 'ENERGY SAVE' button.	<ol style="list-style-type: none"> 1. Desired temperature is changed as follows by pushing 'ENERGY SAVE' button.  <ol style="list-style-type: none"> 2. When the 'ENERGY SAVE' button is pushed, the fan speed goes to 'Low' 3. When the 'ENERGY SAVE' function is canceled by pushing 'ENERGY SAVE' button once again, the desired temperature is return to the former desired temperature. 	<ol style="list-style-type: none"> 1. Current room temperature is displayed. 2. 'ENERGY SAVE' lamp lights. 
TURBO MODE  Push the 'MODE' button until 'TURBO' lamp lights.	<ol style="list-style-type: none"> 1. Fan speed is set to 'HIGH' and desired temperature to 18°C (64°F). 	<ol style="list-style-type: none"> 1. Current room temperature is displayed. 2. 'TURBO' lamp lights. 
OFF TIMER  Push the 'TIMER/CANCEL' button when unit is working. (REMOCON ONLY)	<ol style="list-style-type: none"> 1. Timer is set to as follows by pushing "TIMER/CANCEL" button. (1hr→2hr→3hr→4hr→5hr→6hr→8hr→10hr→12hr→16hr→20hr→24hr→cancel) 2. Unit is off after timer is over. 3. If you want to cancel timer, push this button again at any time. 	<ol style="list-style-type: none"> 1. 'TIMER' lamp lights. 2. Set time is displayed.  <ol style="list-style-type: none"> 3. After a few seconds, display is changed to current room temperature. 

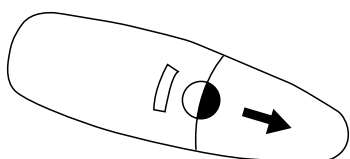
FUNCTION	OPERATION	DISPLAY
ON TIMER  Push the 'TIMER/CANCEL' button when unit is off. (REMOCON ONLY)	<ol style="list-style-type: none"> 1. Timer is changed to as follows by pushing "TIMER/CANCEL" button. (1hr→2hr→3hr→4hr→5hr→6hr→8hr→10hr→12hr→16hr→20hr→24hr→cancel) 2. The unit starts working after set time is over in cooling mode with last temperature set. 3. If you want to cancel timer, push this button again at any time. 	<ol style="list-style-type: none"> 1. 'TIMER' lamp lights. 2. Setting time is displayed.  <ol style="list-style-type: none"> 3. After a few seconds, display is changed to current room temperature.
SLEEP MODE  Push the 'SLEEP' button in 'COOLING' mode. (REMOCON ONLY)	<ol style="list-style-type: none"> 1. SLEEP MODE is changed as follows by pushing "SLEEP" button. (L1→L2→cancel) * L1 Mode <ul style="list-style-type: none"> – The unit is off after 4 hours. – The desired Temp is increased 3°C (5.4°F) for 4 hours. – Fan speed is set to 'LOW'. * L2 MODE <ul style="list-style-type: none"> – The unit works as follow.  <ul style="list-style-type: none"> – Fan speed is set to 'LOW'. 2. Set proper desired room temperature, fan speed. 3. This mode can be selected in 'COOLING' mode only. 	<ol style="list-style-type: none"> 1. 'L1' or 'L2' is displayed. 

• ROOM TEMPERATURE DISPLAY.

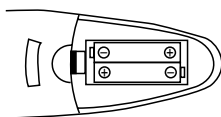
Over 45°C or 100°F	
5°C~45°C or 41°F~99°F	DISPLAY TEMPERATURE
Below 5°C (41°F)	

• HOW TO INSERT BATTERIES

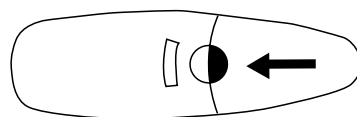
- 1** Remove the COVER from the back of the remote controller.
- Slide the Cover according to the arrow direction



- 2** Insert two batteries.
- Be sure that the (+) and (-) directions are correct
 - Be sure that both batteries are new



- 3** Re-attach the cover.
- Slide it back into position



- Do not use rechargeable batteries such batteries differ from standard dry cells in shape, dimensions, and performance.
- Remove the batteries from the remote controller if the air conditioner is not going to be used for an extended length of time.

GENERAL INFORMATION

- **CHANGING AIR FLOW DIRECTION**

Air flow deflectors divert air from center flow to left or right.

Adjust deflectors for desired air flow pattern.

- **AIR FLOW AROUND UNIT**

Check in door grill and outdoor louvers for air flow obstructions. Do not block air flow to and from unit. The outdoor coil should be checked and periodically cleaned for debris that may collect and block unit air flow. If air flow is obstructed or deflected back into unit, the compressor may cycle on and off rapidly, causing early compressor failure.

CARE AND MAINTENANCE

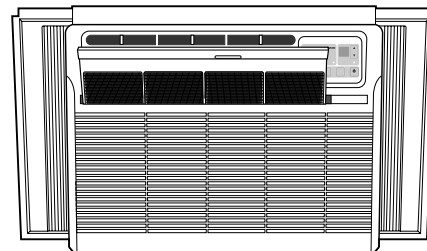
⚠ CAUTION

To avoid death or personal injury due to electrical shock, turn fan control OFF and unplug power cord before cleaning or performing maintenance. After cleaning or performing maintenance, reconnect power.

• AIR FILTER

Clean the air filter, which removes dust inside the room. It should be washed at least once every week during operation.

1. Remove the Air Filter from the front grill by pulling up.
2. Clean Air Filter with a vacuum cleaner or lukewarm, soapy water.
3. Shake it when clean to remove moisture completely. Replace it.

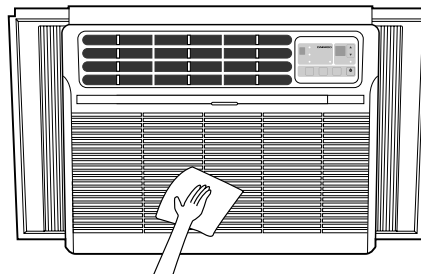


NOTE

A dirty Air Filter reduces air flow and the cooling capacity. Do not operate unit without Air Filter.

• CLEANING THE AIR CONDITIONER

1. At least once a year, remove cabinet and thoroughly clean air conditioner. Have the unit inspected by an authorized service man to ensure unit is functioning properly.
2. Wash air conditioner with lukewarm, soapy water as needed. Rinse and dry thoroughly.
3. If using concentrated liquid detergent, dilute in warm water first.
4. Front grill may be wiped off with a cloth dampened in a mild detergent solution.
5. Cabinet may be washed with mild soap or detergent and lukewarm water, then polished with liquid wax for appliances.
6. Condenser and Evaporator coils should be cleaned at the beginning of each cooling season. Use a soft brush or vacuum cleaner to clean them, making sure that the Condenser and Evaporator coils are not damaged.
7. Do not use abrasive cleaners. These items scratch, crack and discolor surfaces.



NOTE

To assure continued peak efficiency, condenser coils (weather side of unit) should be checked periodically and cleaned if clogged with soot or dirt from the atmosphere.

ELECTRICAL REQUIREMENTS

• ELECTRICAL GROUNDING INSTRUCTIONS

This appliance is equipped with a three-prong(grounding) plug for protection against possible shock hazards. If a two-prong wall receptacle is encountered, the customer is required to contact a qualified electrician and have the two-prong wall receptacle replaced with a properly grounded three-prong wall receptacle in accordance with the National Electrical Code.

⚠ WARNING :

To avoid death, personal injury or property damage due to electrical shock, this unit must be grounded.

Do not under any circumstances cut or remove the round grounding prong from the plug.

Do not use a two prong adapter.

• USE OF EXTENSION CORD

Because of potential safety hazards under certain condition, we strongly recommend against the use of an extension cord. However, if you still elect to use an extension cord, it is absolutely necessary that it will be a UL listed 3-wire grounding type appliance extension cord rated has a 3-blade grounding plug and a 3-slot receptacle that will plug into the appliance. The marked rating of the extension cord should be 125V 13A (Min.).

⚠ WARNING :

To avoid death, personal injury or property damage due to electrical shock, do not use an extension cord or pinch the power cord.

Do not remove the warning tag from the power cord.

BEFORE CALLING FOR SERVICE

When you find something wrong with your room air conditioner, please carefully check the following items. If you are unable to find the cause of trouble, contact your service dealer.

Difficulty	Possible Cause	Suggested Solution
<ul style="list-style-type: none"> • Air conditioner does not operate. 	<ul style="list-style-type: none"> • No power to unit. 	<ul style="list-style-type: none"> • Confirm power cord is plugged in. • Verify main power switch (main circuit breaker) or fuse of the unit is good.
<ul style="list-style-type: none"> • Little or no cooling 	<ul style="list-style-type: none"> • Compressor lockout on initial plug in. • Dirty air filter • Is there anything blocking the front? • Air conditioner undersized for application. 	<ul style="list-style-type: none"> • Wait 3 to 4 minutes and restart the unit. • Clean air filter. • When blocked by curtains, blinds, or furnitures, etc., the air flow is restricted and cooling performance is affected. • Check with dealer to determine proper unit capacity for application.
<ul style="list-style-type: none"> • Noisy unit 	<ul style="list-style-type: none"> • Loose parts • Weak building construction. • Water hitting fan. 	<ul style="list-style-type: none"> • Tighten any loose parts. • Provide additional support. • Normal in high humidity. • Stop noise by allowing water to drain from base fan through drain hole.
<ul style="list-style-type: none"> • Odors from unit. 	<ul style="list-style-type: none"> • Mold, mildew or algae formation on wet surfaces. 	<ul style="list-style-type: none"> • Place algacide tablet in base pan • Remove water in base pan through drain hole.
<ul style="list-style-type: none"> • Water in base pan. 	<ul style="list-style-type: none"> • Normal for operation in humid areas. 	<ul style="list-style-type: none"> • Water in base pan is picked up by the fan blade and thrown onto the warm outdoor coil where water then evaporates.

Limited Warranty

DAEWOO

DAEWOO ELECTRONICS AMERICA, INC. warrants the following window room air-conditioner to be free from defective material and workmanship and agrees to remedy any such defect or to furnish a new part (at the Company's option) in exchange for any part of any unit of its manufacture which under normal installation, use and service disclosed such defect, provided the unit is delivered by the owner to store or dealer where purchased or Daewoo authorized service center. To establish and receive warranty service at our store, dealer or our authorized service center, a sales receipt or bill of sales is required for proof of purchase.

This warranty does not extend to any of our electronic products which have been subjected to misuse, neglect, accident, incorrect wiring not our own, improper installation, unauthorized modification, or to use in violation of instructions furnished by us, nor units which have been repaired or altered outside of our factory, nor to cases where the serial number thereof has been removed, defaced, or changed.

This warranty is in lieu of all warranties expressed or implied and no representative or person is authorized to assume for us any other liability in connection with the sales of our electronic products.

Over the counter exchange for units that are initially defective. Initial defective is described as when the dealer opens the unit and finds that it is inoperative or an individual customer opening a new unit and finding that it is initially defective. This unit may be returned to the factory by the dealer for exchange. Under no circumstances will an individual customer be permitted to return defective unit directly to factory. Exchange must be directly with the dealer. When this unit is returned to dealer, a copy of the purchase evidence stating the date of purchase is to be put in the individual box for dealer's further control with the factory.

<u>MODEL</u>	<u>PARTS</u>	<u>LABOR</u>	<u>COMPRESSOR</u>
DWC-054R DWC-063R	1 year	1 year	5 years

Note: The warranty service center list is constantly changing with the addition of our current qualified service centers. If there is inadequate or no local service facility, subject individual customer will call DAEWOO on the toll free number **1-800-DAEWOO8(1-800-323-9668)** to be provided with further informations.

DAEWOO

ROOM AIR CONDITIONER USE & CARE MANUAL

WINDOW TYPE ROOM AIR CONDITIONER

MODEL #: DWC-054R
DWC-063R



Please read carefully and thoroughly this manual before operating the unit.
If you still have any difficulties or problems, consult your dealer for help or **DAEWOO** ELECTRONICS.
Please keep this manual well.